

10/057,632

(FILE 'HOME' ENTERED AT 08:36:12 ON 25 JUN 2004)

FILE 'REGISTRY' ENTERED AT 08:36:23 ON 25 JUN 2004

L1 1 S (76-42-6)/RN
L2 1 S (123663-49-0)/RN
L3 0 S L1 AND L2

FILE 'CAPLUS, EMBASE, BIOSIS, MEDLINE, WPIDS' ENTERED AT 08:36:57 ON 25 JUN 2004

L4 3972 S L1
L5 121 S L2
L6 2 S L4 AND L5
L7 2 DUP REM L6 (0 DUPLICATES REMOVED)
L8 7 S L5 AND PAIN?
L9 4 DUP REM L8 (3 DUPLICATES REMOVED)

FILE 'STNGUIDE' ENTERED AT 08:39:49 ON 25 JUN 2004

L10 0 S L4 AND PAIN?

FILE 'CAPLUS, EMBASE, BIOSIS, MEDLINE, WPIDS' ENTERED AT 08:41:01 ON 25 JUN 2004

L11 2179 S L4 AND PAIN?
L12 380 S L11 AND IBUPROFEN
L13 11 S L12 AND SYNERG?
L14 10 DUP REM L13 (1 DUPLICATE REMOVED)

FILE 'USPATFULL' ENTERED AT 08:43:31 ON 25 JUN 2004

L15 63 S L4 AND PAIN? AND SYNERG?

FILE 'CAPLUS, EMBASE, BIOSIS, MEDLINE, WPIDS' ENTERED AT 08:47:52 ON 25 JUN 2004

L16 1159 S (BURCH, R? OR BURCH R?)/AU,IN
L17 225 S (GOLDENHEIM, P? OR GOLDENHEIM P?)/AU,IN
L18 106 S (SACKLER, R? OR SACKLER R?)/AU,IN
L19 0 S L16 AND L17 AND 118
L20 2 S (L16 OR L17 OR L18) AND (EURO?)
L21 225 S (GOLDENHEIM, P? OR GOLDENHEIM P?)/AU,IN
L22 79 S (L16 OR L17 OR L18) AND PAIN?
L23 56 S L22 AND (COX? OR OPIOID? OR OPIAT? OR MORPHIN? OR OXYCOD?)
L24 38 DUP REM L23 (18 DUPLICATES REMOVED)
L25 2 S L24 AND COX?

=>

L15 ANSWER 63 OF 63 USPATFULL on STN

AN 86:7994 USPATFULL

TI Analgesic mixture of oxycodone and ibuprofen

IN Baker, Geraldine L., Minneapolis, MN, United States

Schmidt, William K., Wilmington, DE, United States

PA E. I. Du Pont de Nemours and Company, Wilmington, DE, United States
(U.S. corporation)

PI US 4569937 19860211

AI US 1985-700654 19850211 (6)

DT Utility

FS Granted

EXNAM Primary Examiner: Friedman, Stanley J.

CLMN Number of Claims: 6

ECL Exemplary Claim: 1

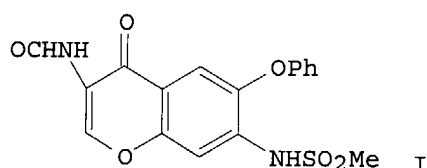
DRWN 1 Drawing Figure(s); 1 Drawing Page(s)

LN.CNT 631

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Pharmaceutical compositions of narcotic analgesics and ibuprofen have been found to exhibit unexpectedly enhanced analgesic activity by applying an analysis model which considers data characterizing the analgesic effect of both the pure components as well as the fixed dose ratio combinations. This **synergism** enables the use of lower doses of either or both drugs with a concomitant reduction in risk of possible side effects.

L9 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 1
 AN 1992:543019 CAPLUS
 DN 117:143019
 ED Entered STN: 17 Oct 1992
 TI Pharmacological studies of the new antiinflammatory agent
 3-formylamino-7-methylsulfonylamino-6-phenoxy-4H-1-benzopyran-4-one. 1st
 Communication: antiinflammatory, analgesic and other related properties
 AU Tanaka, K.; Shimotori, T.; Makino, S.; Aikawa, Y.; Inaba, T.; Yoshida, C.;
 Takano, S.
 CS Res. Lab., Toyama Chem. Co., Ltd., Toyama, 930, Japan
 SO Arzneimittel-Forschung (1992), 42(7), 935-44
 CODEN: ARZNAD; ISSN: 0004-4172
 DT Journal
 LA English
 CC 1-7 (Pharmacology)
 GI



AB The anti-inflammatory, analgesic and antipyretic activities of I (T-614)
 were investigated in various animal models and compared with those of
 nimesulide, indomethacin and ibuprofen. The anti-inflammatory potency of
 T-614 on carrageenin-induced paw edema, paper disk granuloma and
 established adjuvant arthritis was greater than that of ibuprofen, but
 slightly lower than those of nimesulide and indomethacin. In acute
 inflammatory models, unlike indomethacin, T-614 suppressed the edemas
 provoked by dextran and bromelain in rats, but its inhibitory action on UV
 erythema in guinea-pigs was weak. Although the analgesic activity of
 T-614 was hardly demonstrated in writhing tests in mice, its potency
 against the inflammatory **pain** such as Randall-Selitto test,
 adjuvant-induced hyperalgesia and antigen-induced arthritic **pain**
 in rats was superior to that of ibuprofen. Moreover, it had a potent
 analgesic effect on urate-induced synovitis in dogs. T-614 exerted a
 prompt and strong antipyretic effect in both yeast-induced febrile rats
 and lipopolysaccharide-induced febrile rabbits. T-614 had virtually no
 gastrointestinal ulcerogenic action and did not affect water and sodium
 excretion in rats. T-614 is a novel antiinflammatory compound with
 different pharmacol. properties from that of the reference drugs.
 ST T 614 antiinflammatory analgesic antipyretic; benzopyranone deriv T 614
 antiinflammatory
 IT Digestive tract
 (antiinflammatory benzopyranone derivative T-614 effect on)
 IT Analgesics
 Antipyretics
 Inflammation inhibitors
 (benzopyranone derivative T-614 as, pharmacol. of)
 IT 123663-49-0
 RL: BIOL (Biological study)
 (antiinflammatory activity and pharmacol. of)

=>

WEST Search History

Hide Items Restore Clear Cancel

DATE: Friday, June 25, 2004

Hide?	Set Name	Query	Hit Count
	<i>DB=USPT; PLUR=YES; OP=OR</i>		
<input type="checkbox"/>	L19	L18 and (cox\$).clm.	2
<input type="checkbox"/>	L18	L17 and (pain\$).clm.	130
<input type="checkbox"/>	L17	L16 and l15	586
<input type="checkbox"/>	L16	153 L11 L10 (opiod\$ or opiate\$ or oxycod\$ or codein\$).clm.	228298
<input type="checkbox"/>	L15	(opiod\$ or opiate\$ or oxycod\$ or codein\$).clm.	586
<input type="checkbox"/>	L14	L13 and (pain\$).clm.	15
<input type="checkbox"/>	L13	L12 and pain\$	83
<input type="checkbox"/>	L12	(opiod\$ or opiate\$ or oxycod\$ or codein\$) near30(cyclooxygenase\$ or cyclooxygenase\$ or COX\$ or T-614 or iguratimod\$)	84
	<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>		
<input type="checkbox"/>	L11	L10 and pain\$	153
<input type="checkbox"/>	L10	(opiod\$ or opiate\$ or oxycod\$ or codein\$) near30(cyclooxygenase\$ or cyclooxygenase\$ or COX\$ or T-614 or iguratimod\$)	166
<input type="checkbox"/>	L9	L8 and pain\$	813
<input type="checkbox"/>	L8	(opiod\$ or opiate\$ or oxycod\$ or codein\$) and (cyclooxygenase\$ or cyclooxygenase\$ or COX\$ or T-614 or iguratimod\$)	997
	<i>DB=EPAB; PLUR=YES; OP=OR</i>		
<input type="checkbox"/>	L7	EP-1014886-A1.did.	0
	<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>		
<input type="checkbox"/>	L6	L5 or l4	25
<input type="checkbox"/>	L5	L2 and (cox\$)	20
<input type="checkbox"/>	L4	L2 and (cyclooxygenase\$ or cyclooxygenase\$ or COX or T-614 or iguratimod\$)	25
<input type="checkbox"/>	L3	L2 and (opiod\$ or opiate\$ or oxycod\$ or codein\$)	40
<input type="checkbox"/>	L2	L1 and (euro\$ or euro-\$)	143
<input type="checkbox"/>	L1	(burch or goldenheim or sackler) and pain\$	430

END OF SEARCH HISTORY